

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010483.D
 Acq On : 21 May 2019 13:19
 Operator : SY/VA
 Sample : K2966-02
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-14(4.5-5)

Quant Time: May 22 07:02:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

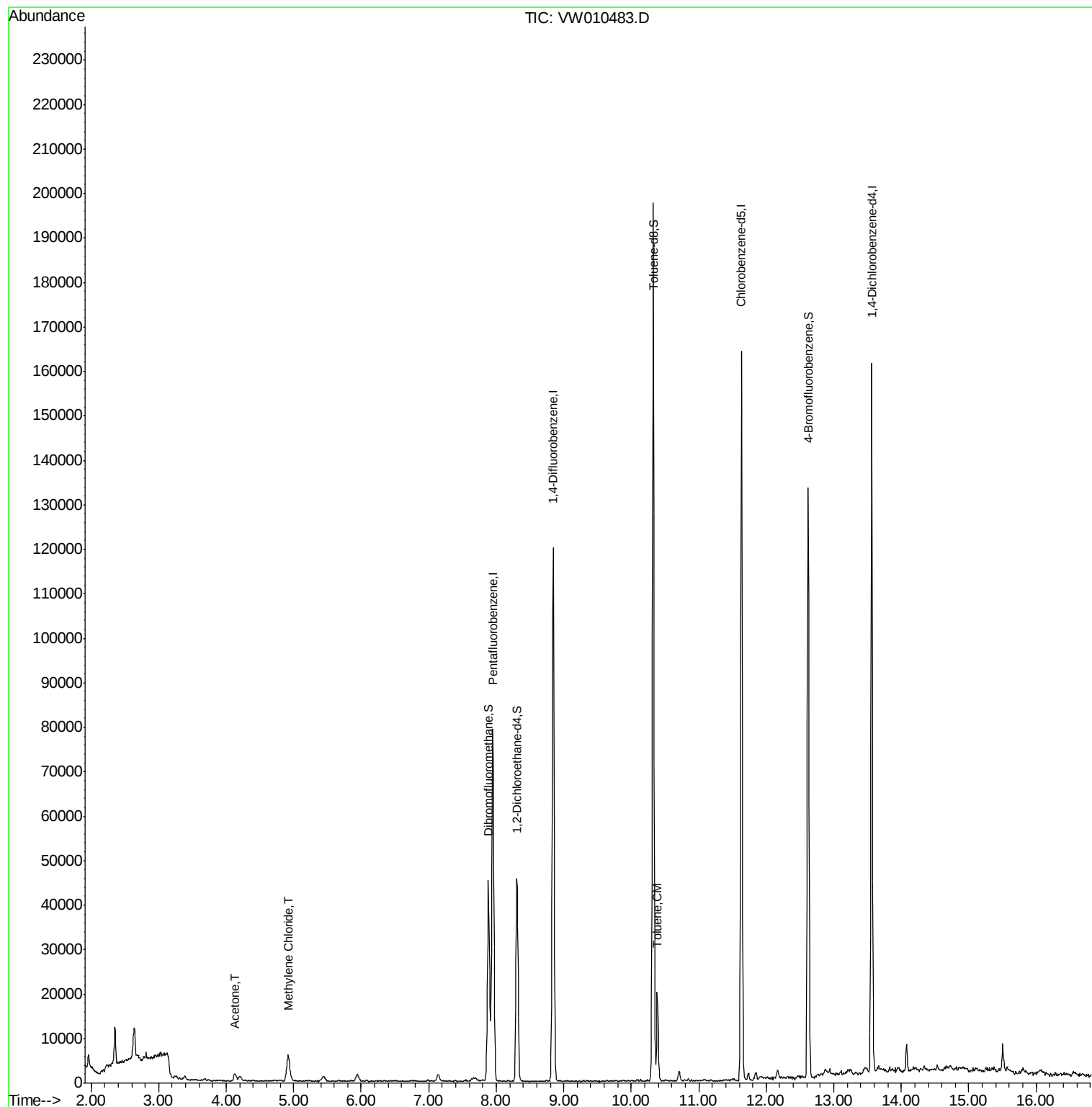
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	58842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	109059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	40829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35375	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
35) Dibromofluoromethane	7.88	113	32400	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.32	98	133222	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	48091	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
Target Compounds						
16) Acetone	4.12	43	3399	27.417	ug/l	98
20) Methylene Chloride	4.92	84	4946	1.923	ug/l #	80
52) Toluene	10.38	92	8908	4.697	ug/l	99

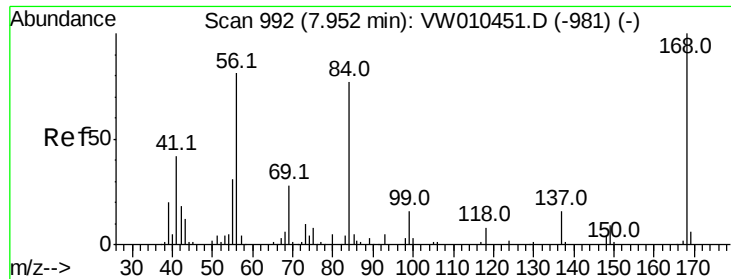
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052119\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010483.D

Acq: 21 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

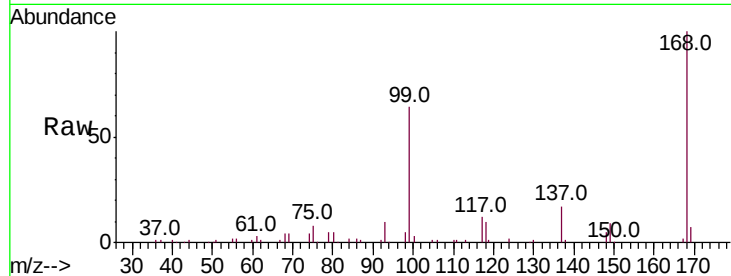
FESB-14(4.5-5)

Tot Ion:168 Resp: 58842

Ion Ratio Lower Upper

168 100

99 64.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

10000

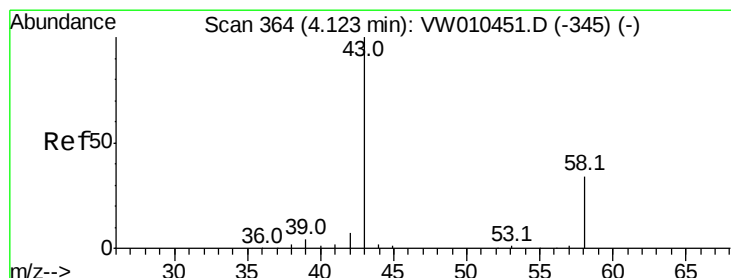
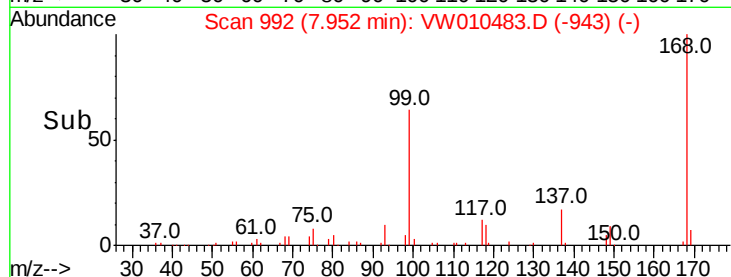
5000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 27.417 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010483.D

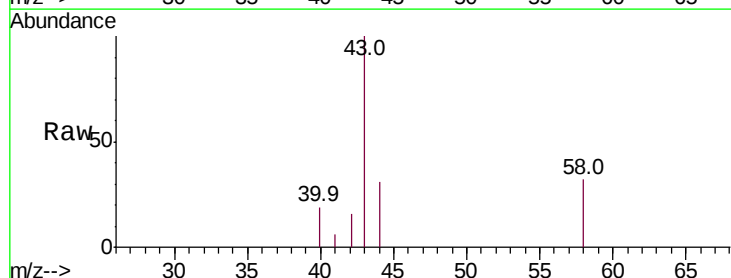
Acq: 21 May 2019 13:19

Tgt Ion: 43 Resp: 3399

Ion Ratio Lower Upper

43 100

58 32.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

600

400

200

0

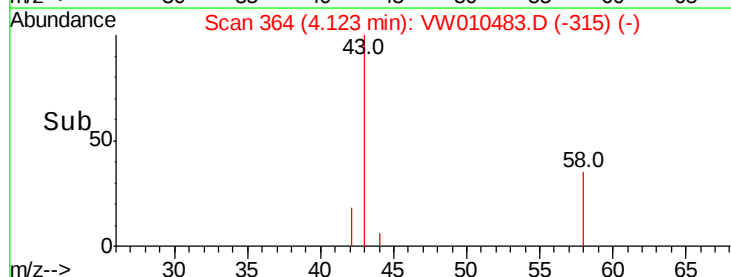
Time-->

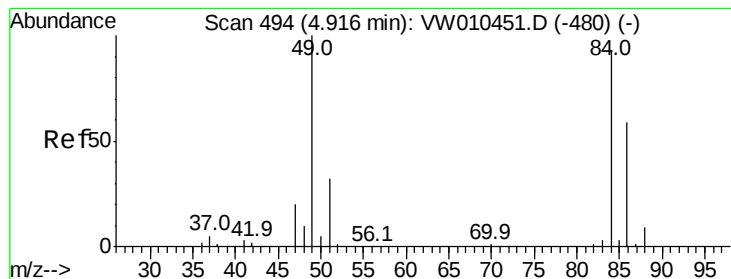
4.05

4.10

4.15

4.20





#20

Methylene Chloride

Concen: 1.923 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010483.D

Acq: 21 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

FESB-14(4.5-5)

Tot Ion: 84 Resp: 4946

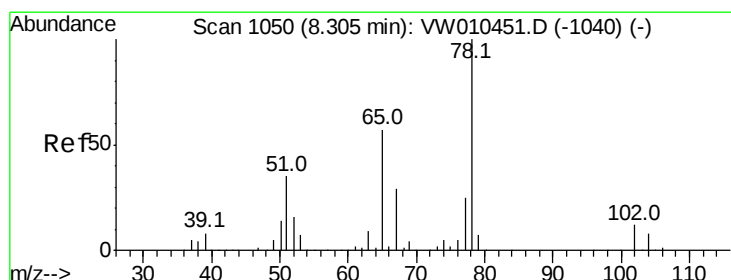
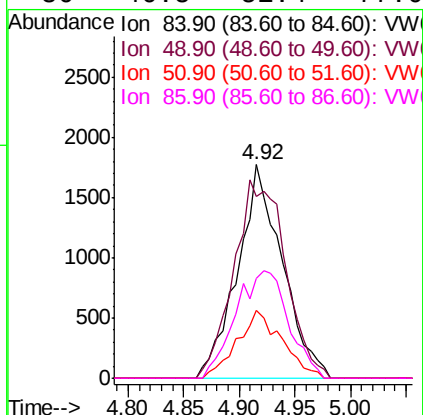
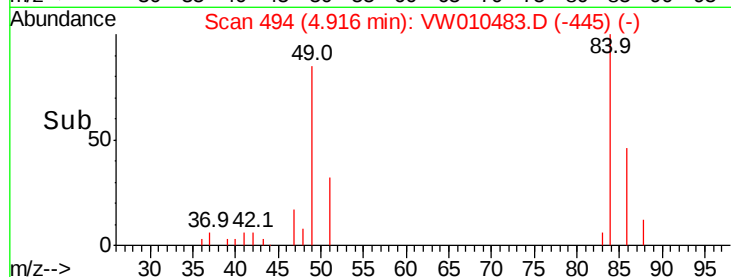
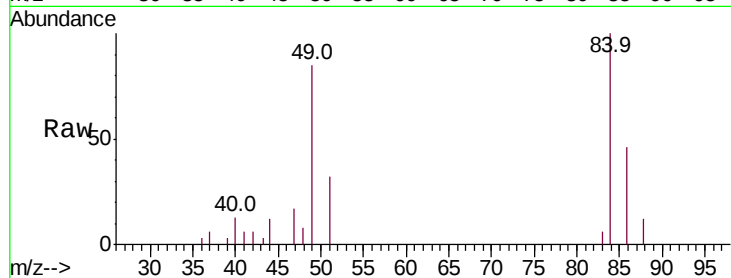
Ion Ratio Lower Upper

84 100

49 84.9 87.2 130.8#

51 31.6 27.7 41.5

86 46.5 51.4 77.0#



#33

1,2-Dichloroethane-d4

Concen: 58.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010483.D

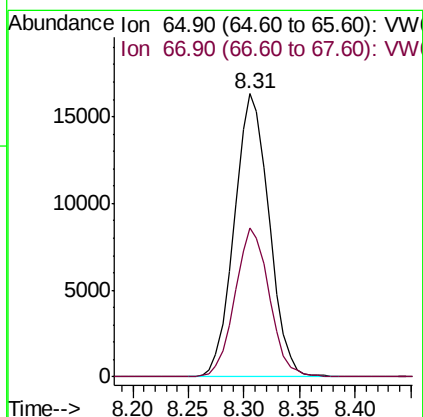
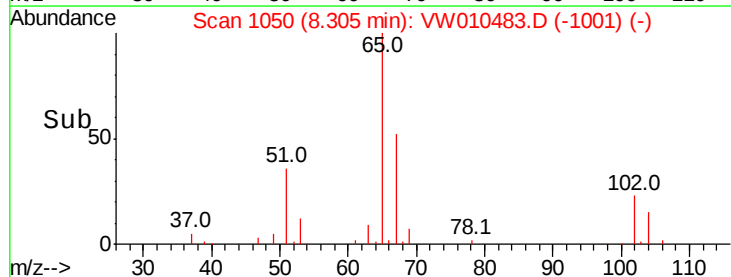
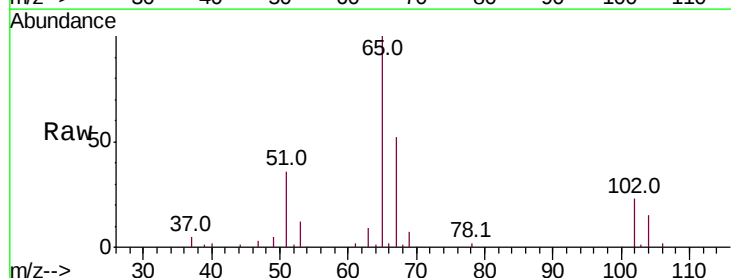
Acq: 21 May 2019 13:19

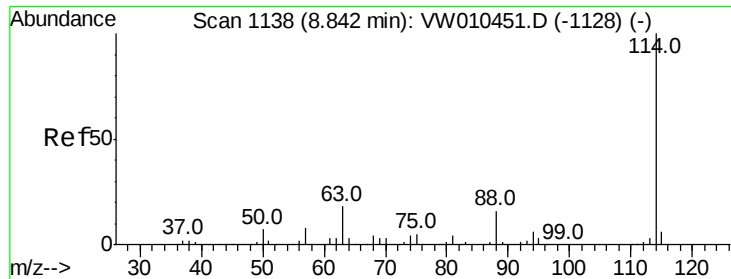
Tgt Ion: 65 Resp: 35375

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.6

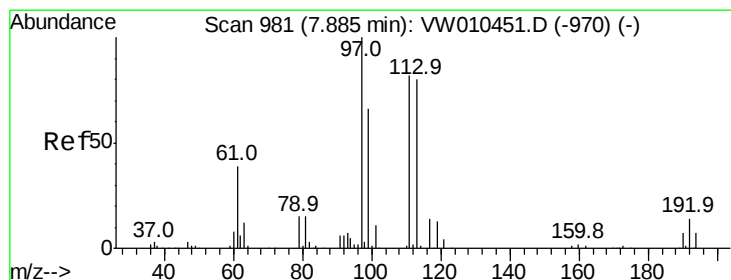
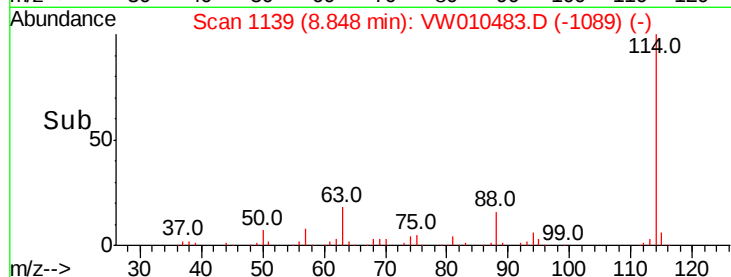
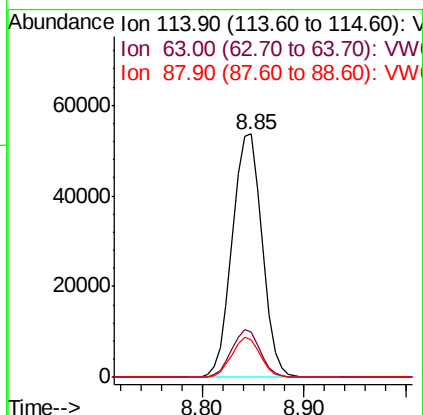
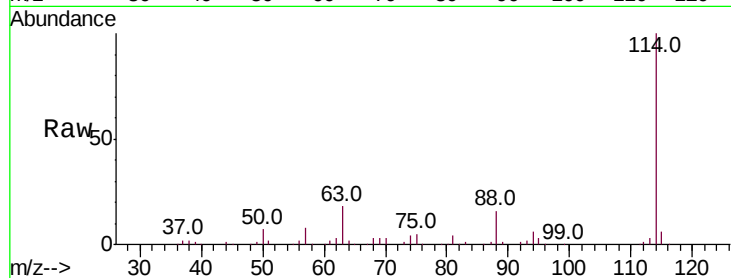




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010483.D
 Acq: 21 May 2019 13:19

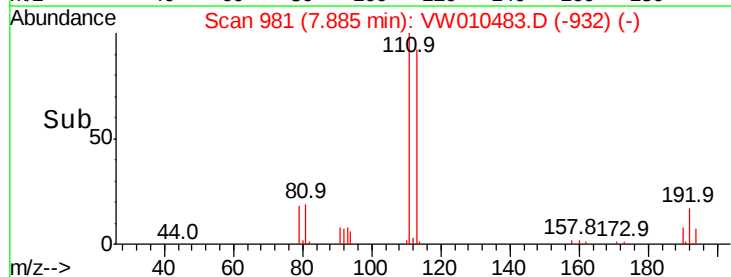
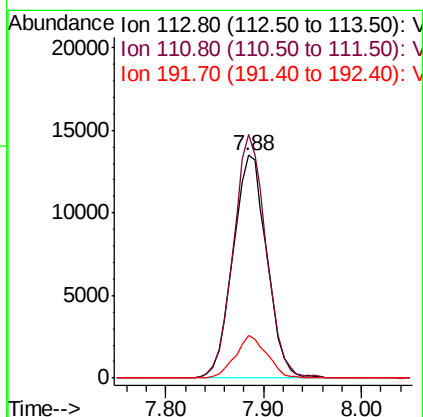
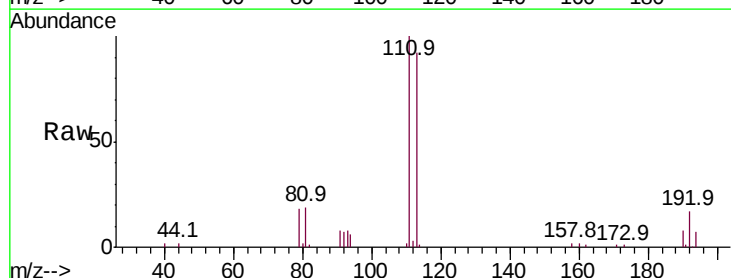
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-14(4.5-5)

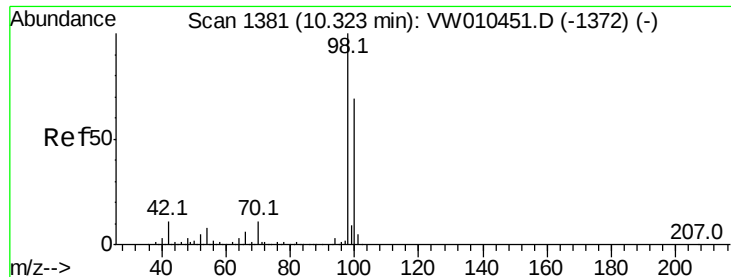
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.961 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010483.D
 Acq: 21 May 2019 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.2	123.4
192	17.7	14.3	21.5

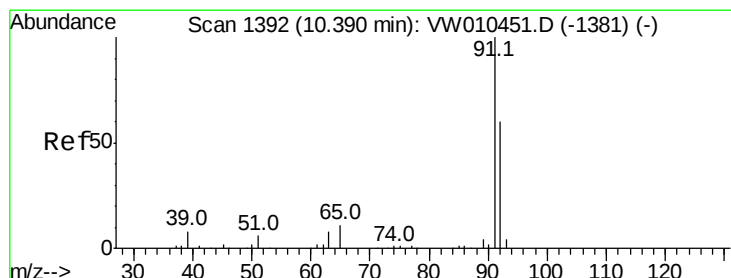
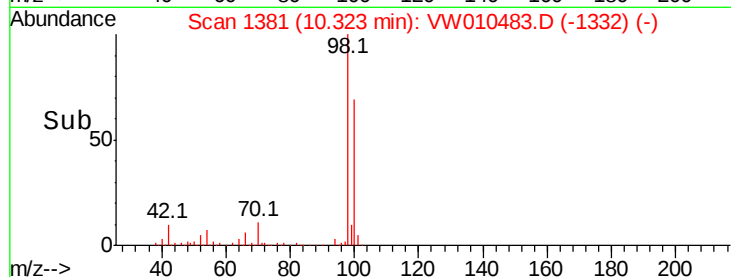
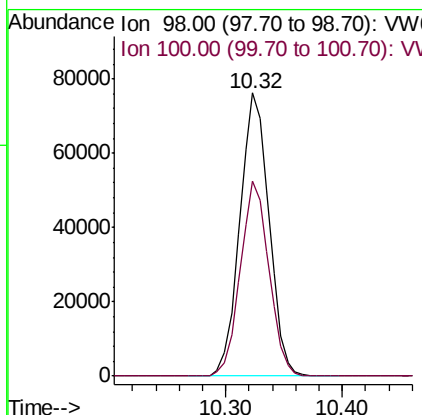
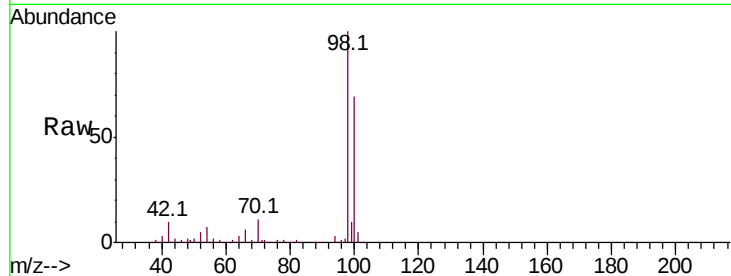




#50
Toluene-d8
Concen: 52.698 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010483.D
Acq: 21 May 2019 13:19

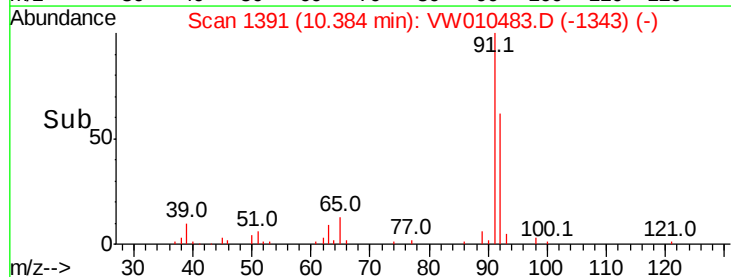
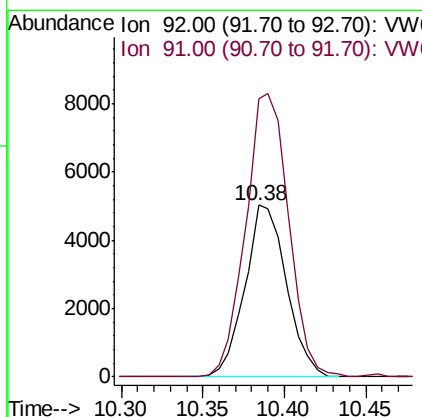
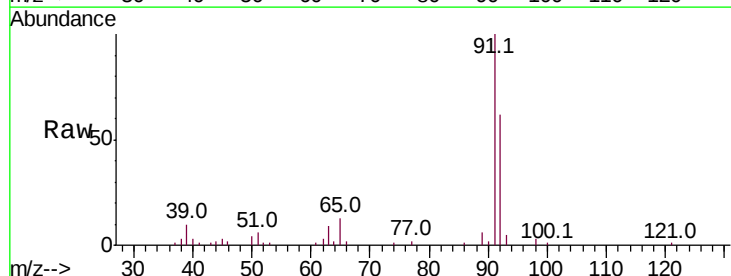
Instrument :
MSVOA_W
ClientSampleId :
FESB-14(4.5-5)

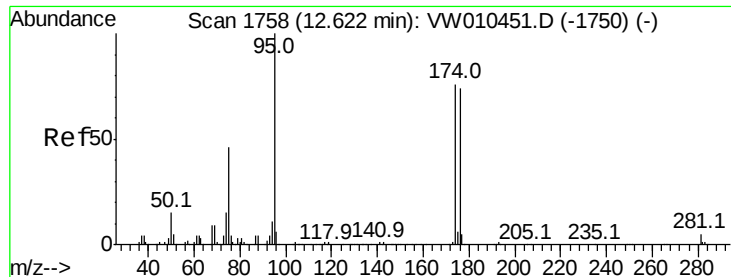
Tot Ion: 98 Resp: 133222
Ion Ratio Lower Upper
98 100
100 67.6 53.7 80.5



#52
Toluene
Concen: 4.697 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010483.D
Acq: 21 May 2019 13:19

Tgt Ion: 92 Resp: 8908
Ion Ratio Lower Upper
92 100
91 171.1 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 47.759 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010483.D

Acq: 21 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

FESB-14(4.5-5)

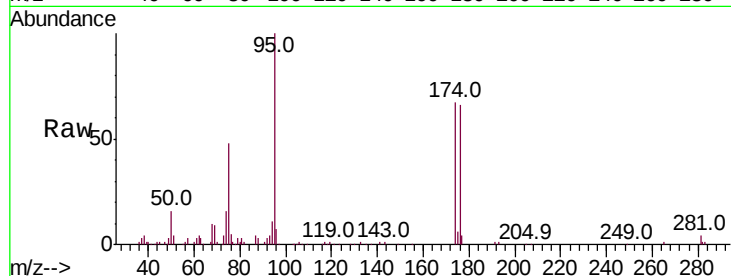
Tot Ion: 95 Resp: 48091

Ion Ratio Lower Upper

95 100

174 67.2 0.0 148.6

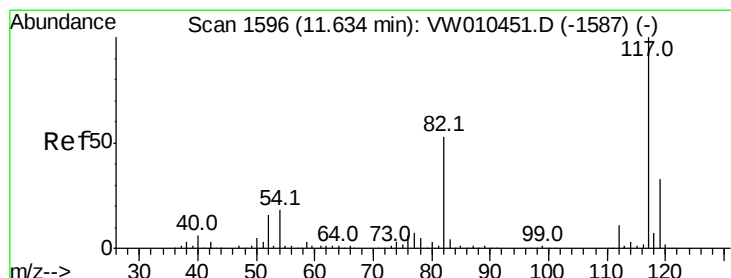
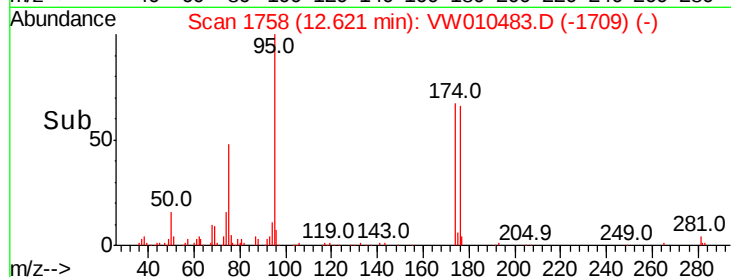
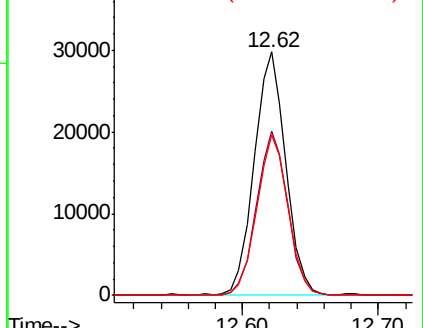
176 65.6 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010483.D

Acq: 21 May 2019 13:19

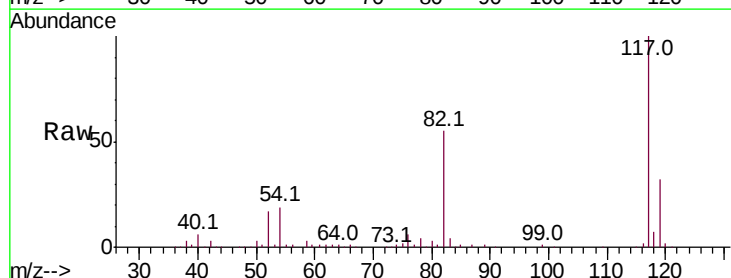
Tgt Ion: 117 Resp: 93798

Ion Ratio Lower Upper

117 100

82 54.8 42.8 64.2

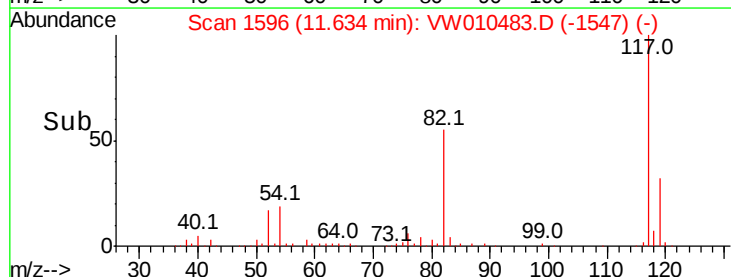
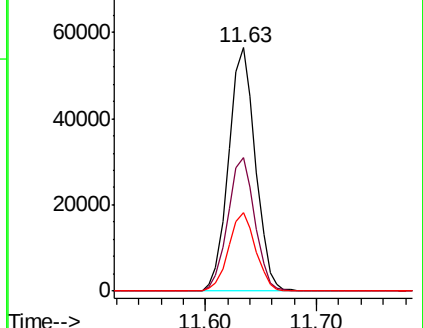
119 32.4 26.3 39.5

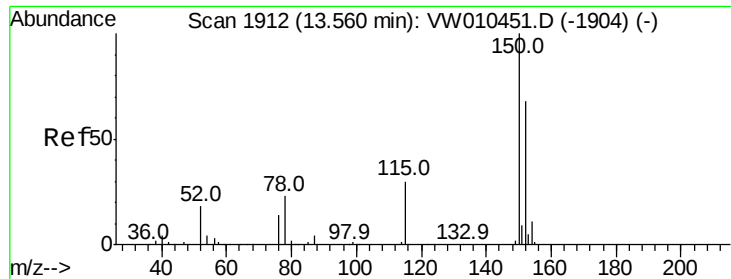


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010483.D

Acq: 21 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

FESB-14(4.5-5)

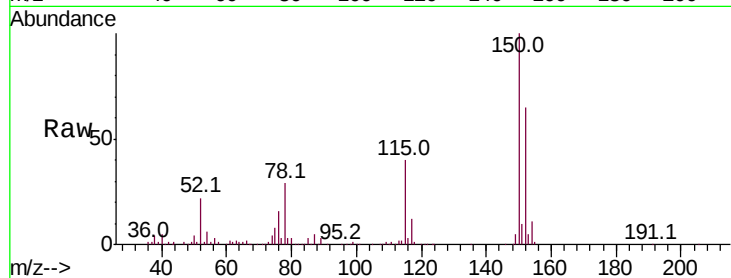
Tot Ion:152 Resp: 40829

Ion Ratio Lower Upper

152 100

115 63.6 30.3 91.0

150 157.1 0.0 349.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

